| Index of Claims | | | | | | | | | |
|-----------------|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | |

| Applica | tion | Contr | ol No. |
|---------|------|-------|--------|
|---------|------|-------|--------|

Applicant(s)/Patent under Reexamination

10/618,182

RICHTER ET AL.

Examiner

Art Unit

Glenn K. Dawson

3731

| √ | Rejected |
|----------|----------|
| = | Allowed |

| - | (Through numeral) Cancelled |
|---|--------------------------------|
| ÷ | Restricted |

| Z | Non-Elected |
|---|--------------|
| 1 | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| Cla | im | Date | | | | | | | | |
|--|--|----------|--------------------------------|--------------|--|--------------|------------------------------|-------------------------------------|----------|----------|
| Final | Original | 10/27/05 | | | | | | | | |
| | | | | | | | | | | |
| | 1 | Н | | | Ц | | _ | | | |
| _ | 2 | Н | | | | | | | - | Ш |
| _ | 3 | Н | _ ! | | \vdash | | | | | |
| - | 1 2 3 4 5 | Н | | - | \vdash | - | \vdash | | | — |
| <u> </u> | 5 | Н | | _ | - | - | Н | | | |
| \vdash | 7 | Н | _ | \vdash | \vdash | | Н | | | - |
| | 8 | Н | | | | | | | | - |
| | 9 | Н | | - | | | | _ | | |
| | 10 | т | | | | | | | | |
| | 11 | | | | | \neg | | | | |
| | 12 | | | | | | | | | |
| | 13 | | | | | | | | | |
| | 14 | | | | | | | | | |
| | 15 | | | Ŀ | | | | | | Ш |
| igsqcup | 16 | Ш | Ш | \Box | Ш | Ш | | Ш | _ | |
| <u> </u> | 17 | | | | | | | | _ | |
| 1 | 18 | = | | | _ | _ | _ | | | Ш |
| 2 | 19 | = | _ | _ | | | | | <u> </u> | _ |
| 5 | 20 | = | | _ | _ | | _ | | | \vdash |
| 3 | 21 | = | \vdash | - | - | _ | <u> </u> | - | _ | \vdash |
| | 22 | = | | - | \vdash | | \vdash | \vdash | | |
| 2 5 3 6 4 7 | 24 | = | _ | - | - | | \vdash | - | | \vdash |
| 8 | 25 | = | | - | | \vdash | \vdash | \vdash | | |
| 9 | 26 | = | | \vdash | | \vdash | | - | - | |
| 13 | 27 | = | | Т | _ | | | | | |
| 14 | 28 | = | | | | | | | | |
| 15 | 29 | = | | | | | | | | |
| 18 | 30 | = | | | | | | | | |
| 16 | 31 | = | | | | | | | | |
| 19 | 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 | = | _ | L | L. | <u> </u> | <u> </u> | _ | L | |
| 17 | 33 | = | L | L | <u> </u> | <u> </u> | $ldsymbol{ldsymbol{\sqcup}}$ | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L | |
| 20 | 34 | = | <u> </u> | _ | <u> </u> | \vdash | \vdash | <u> </u> | <u> </u> | |
| 8 9 13 14 15 18 16 19 17 20 21 22 10 | 35 | = | <u> </u> | <u> </u> | | H | | <u> </u> | H | \vdash |
| 10 | 36 37 | = | <u> </u> | - | \vdash | <u> </u> | | \vdash | H | - |
| 11 | 38 | = | \vdash | \vdash | | | \vdash | \vdash | <u> </u> | \vdash |
| 11 12 23 | 39 | = | | | \vdash | - | ├─ | \vdash | \vdash | \vdash |
| 23 | 40 | = | \vdash | - | | Н | \vdash | \vdash | \vdash | \vdash |
| 24 | 41 | = | \vdash | 一 | | _ | <u> </u> | Г | Н | |
| 25 | 42 | = | Г | Г | Г | | \vdash | | Г | П |
| | 43 | | | | | | | | | |
| | 44 | | | | | | | | | |
| | 45 | | \Box | | | | | | | |
| | 46 | | | \Box | | | | | | L |
| | 47 | Щ | $oxedsymbol{oxedsymbol{oxed}}$ | L | <u> </u> | L. | <u>L</u> | <u> </u> | <u>L</u> | L_ |
| <u> </u> | 48 | <u> </u> | \vdash | <u> </u> | <u> </u> | $oxed{oxed}$ | _ | <u> </u> | <u> </u> | <u> </u> |
| | 49 | L | <u> </u> | | <u> </u> | _ | _ | <u> </u> | <u> </u> | ⊢ |
| 1 | 50 | ı | ı | | | | i | | 1 | |

| Cla | im | Date | | | | | | | | |
|----------|----------------------------|----------|----------|--|--------------|----------|--|--------------|----------|--|
| | | | | | | | | | | |
| <u></u> | Original | | | | | | | | | |
| Final | ŗ | | | | | | | | | |
| - | 0 | | | | | | | | | |
| | 51 | П | | _ | | | · | | | |
| | 52 | - | | $\overline{}$ | | | | | | |
| \vdash | 52 53 | \vdash | | - | | | | | - | |
| . — | 54 | Н | - | _ | \vdash | | - | _ | | _ |
| - | 55 | Н | = | H | | - | | - | - | |
| | 56 | Н | | \vdash | | - | | | | _ |
| - | 57 | - | - | - | | | - | - | | _ |
| \vdash | | | - | - | Н | - | - | | | |
| <u> </u> | 58 59 | | | _ | - | | | · | _ | _ |
| - | 29 | - | - | - | Н | - | | | _ | - |
| \vdash | 60 | , | | | - | - | | | | |
| <u> </u> | 61 | | | | | | | _ | Щ | \blacksquare |
| <u> </u> | 62 | Щ | | | _ | | | | | |
| — | 63 | Щ | | Ш | Ь | Ш | ļ.— | <u> </u> | <u> </u> | <u> </u> |
| | 64 65 | Щ | | <u> </u> | | Щ | _ | $oxed{\Box}$ | | |
| | 65 | | | | | _ | | | _ | |
| | 66 | Ш | | L | | | | \Box | <u> </u> | Щ |
| | 67 | Ш | | 匚 | | | | | Ш | L., |
| | 68 | | | | | | | | | |
| | 69 70 | | | | | | | | | |
| | 70 | | | | | | | | | |
| · | 71 | | | | | | | | | |
| | 72 | | | | | | | | | |
| | 72 73 74 75 76 | | | | | | | | | |
| | 74 | | _ | | | | | | | |
| | 75 | | | | | | | | | |
| | 76 | | | | | | | | | |
| | 77 78 | | | | | | | | | |
| | 78 | | _ | | | | | | | |
| | 79 | | _ | _ | | | Г | | | - |
| | 80 | | - | | | | | | Т | - |
| | 81 | | | | | | Н | Н | \vdash | _ |
| | 82 | \vdash | т | | \vdash | - | | _ | _ | Н |
| | 83 | \vdash | \vdash | ├ | | \vdash | ┢ | - | \vdash | Н |
| | 84 | \vdash | Ι | \vdash | - | \vdash | \vdash | | \vdash | \vdash |
| - | 85 | | \vdash | ┢ | | - | - | - | - | |
| | 86 | \vdash | - | ┢ | ┢ | | | \vdash | \vdash | |
| | 87 | \vdash | \vdash | | \vdash | \vdash | - | \vdash | \vdash | <u> — </u> |
| | 88 | \vdash | - | ⊢ | ⊢ | | \vdash | \vdash | | |
| . — | 00 | - | - | | \vdash | <u> </u> | ⊢ | \vdash | - | \vdash |
| | 89 | \vdash | H | \vdash | | \vdash | ├- | <u> </u> | \vdash | |
| | 90 | \vdash | <u> </u> | - | \vdash | - | <u> </u> | \vdash | \vdash | <u> </u> |
| _ | 91 | <u> </u> | <u> </u> | - | <u> </u> | <u> </u> | _ | <u> </u> | <u> </u> | ⊢ |
| | 92 | <u> </u> | <u> </u> | <u> </u> | <u> </u> | \vdash | ├ | ⊢ | ├- | |
| | 93 | | <u> </u> | \vdash | \vdash | ļ | <u> </u> | ⊢ | ├ | ⊢- |
| | 94 | \vdash | <u> </u> | <u> </u> | <u> </u> | ļ | <u> </u> | <u> </u> | <u> </u> | <u> </u> |
| | 95 | \vdash | | _ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> |
| L. | 96 | L | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u>_</u> | L |
| | 97 | <u> </u> | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | _ | _ | <u> </u> |
| | 98 | Ь | <u> </u> | <u> </u> | _ | Ц. | <u> </u> | | L_ | _ |
| | 99 | | _ | <u></u> | | <u> </u> | _ | <u> </u> | _ | |
| | | | | | | | | | | |

100

| Cla | aim | | | | | Date | • | | | |
|--------------|--|--|----------|--|---------------|------------|--------------|----------|----------|--------------|
| | | | | | | | | | | |
| Final | Original | | | | | | | | | |
| | 101 | | _ | | | | | | | |
| | 101 102 103 | | | | | | | | | |
| | 103 | | | | | | | | | |
| | 104 105 | | | | | | | | | |
| | 105 | | | | | | | | L. | |
| | 106 | | | Щ | | | | | | |
| <u> </u> | 107 | | | | | | | _ | | Н |
| | 108 109 | _ | | | _ | _ | | | | Ш |
| | 110 | - | _ | | | | | _ | | Н |
| _ | 111 | \vdash | | - | | | | _ | \vdash | - |
| | 112 | | | | _ | | | | - | Н |
| | 113 | Н | | | | | | | \vdash | Н |
| | 112 113 114 | | | _ | | \vdash | | _ | _ | П |
| | 115 116 | | | | $\overline{}$ | | | | | |
| | 116 | | | | | | | | | |
| | 117 | | | | | | | | | |
| | 117 118 | | | | | | | | | |
| | l 119 | | | | | | | | | _ |
| | 120 | | | | | | | | | |
| | 120 121 122 | _ | | L | | | | | _ | _ |
| | 122 | _ | _ | _ | | | | | _ | \vdash |
| | 123 | _ | _ | _ | | L | | | - | H |
| | 124 | - | | \vdash | | <u> </u> | | | - | _ |
| | 126 | | | ┝ | | \vdash | _ | - | ┝ | \vdash |
| <u> </u> | 123 124 125 126 127 128 129 130 | \vdash | \vdash | - | _ | _ | | | \vdash | \vdash |
| | 128 | \vdash | \vdash | \vdash | | | _ | _ | | |
| | 129 | \vdash | \vdash | | Г | | | | | |
| | 130 | Г | | Г | | | | | | |
| | 131 132 133 | | | | | | | | | |
| | 132 | | | | | | | | | |
| | 133 | | L | _ | _ | | _ | | <u> </u> | Щ |
| <u> </u> | 134 135 136 | _ | _ | | _ | L | _ | _ | _ | lacksquare |
| <u> </u> | 135 | - | ├- | ⊢ | L | <u> </u> | _ | ļ | ⊢ | - |
| <u> </u> | 136 | - | ⊢ | \vdash | - | ├ | - | \vdash | \vdash | |
| | 137 138 | \vdash | ├- | - | - | ├ | | | \vdash | H |
| <u> </u> | 139 | - | ┝ | _ | \vdash | - | - | \vdash | \vdash | |
| \vdash | 140 | \vdash | \vdash | | \vdash | \vdash | \vdash | \vdash | \vdash | |
| | 141 | | 1 | \vdash | \vdash | | \vdash | \vdash | Г | П |
| | 142 | Г | \vdash | | \vdash | | Г | | ऻ | |
| | 143 | | | | | | | | \Box | |
| | 144 | | | | | | | | | |
| | 145 | | | | | | | | | |
| | 146 | | | L | | | | <u> </u> | _ | |
| | 147 | | <u> </u> | <u> </u> | <u> </u> | <u></u> | _ | ļ., | _ | <u> </u> |
| ļ | 148 | <u> </u> | _ | <u> </u> | _ | ! — | \vdash | <u> </u> | | _ |
| | 149 | <u> </u> | <u> </u> | | _ | <u> </u> | \vdash | \vdash | <u> </u> | \vdash |
| | 150 | | <u> </u> | L_ | | | <u> </u> | <u></u> | _ | 1 |